



MEMORANDUM

To: Regional Transportation Operations Coalition
From: Tom Murtha
Date: June 8, 2011
Re: Project Packages

The MPO Policy Committee requested that the Regional Transportation Operations Coalition identify projects of particular significance in advancing the goals, objectives and action areas of the GO TO 2040 Comprehensive Regional Plan. These projects may be either directly identified by the Regional Transportation Operations Coalition or identified from among traffic flow improvements submitted during the regular call for projects for the Congestion Mitigation and Air Quality Improvement (CMAQ) Program. It is anticipated that one or more regional indicators would be improved by the projects. The recommended projects are asked to provide a coherent, identifiable achievement over the five-year time frame, i.e. a focused program. Projects may only be recommended to the PSC which have a committed implementer.

GO TO 2040 encourages a multi-modal approach and the program focus groups will be encouraged to consider projects that advance multiple modes. Implementers are encouraged to participate in groups outside of their traditional modal focus. For example, transit agencies are encouraged to take advantage of their participation on RTOC to provide their perspective on projects that would benefit both transit operations and highway users.

Some projects recommended by the program focus groups may not in the final analysis end up being good CMAQ projects, or there may be insufficient funds to program all good CMAQ candidate projects. Projects not selected for CMAQ funding will be kept as priorities by the program focus groups and could be considered for implementation with other funding.

Following are several options for focused programs to advance GO TO 2040.

Potential Package 1: Congestion Management System Improvements. This package of projects prioritizes congestion relief on Strategic Regional Arterials, Other Principal Arterials, and the National Highway System. The projects in this package were selected from among traffic flow improvement proposals submitted through the call for CMAQ projects for being on regionally important highway systems, and for being ranked highly for safety and congestion measures. These measures include the travel time index, vehicles per lane, and the severity index of intersection crashes.

These projects have high congestion and/or crash severity indicators. Federal planning and engineering processes applied to these congested locations are likely to alleviate congestion and improve safety. At the same time, the concept of this package is that such projects for regional programs should be drawn from a prioritized Strategic Regional Arterial System or similar regional highway systems.

Many of the projects below are for intersection channelization projects that reduce the conflict points for vehicles. Such channelization reduces delay and may reduce the number and severity of intersection crashes.

The package consists of the following projects, ranked by order of importance. The total package consists of a federal request of \$63,889,290.

CMAQ ID	geo+safety (plus tti+vpl+sev)	Facility to be Improved	Project Cost	Federal Request	Project Description	Program year	ROW	Design	Construction Ready?
II08123813	9	Fabyan Pky/Washington St. at Roosevelt Rd.	\$9,000,000.00	\$6,325,000.00	Additional turn and through lanes. Extend existing turn lanes	2012-2014	R	U	N
II10123462	8	US 12 at IL 120	\$2,500,000.00	\$2,000,000.00	Additional turn lanes.	2015-2016	R	N	N

BE03123473	7	Barrington Rd from IL 62/Algonquin Rd to Mudhank Rd	\$8,700,000.00	\$6,960,000.00	Widening of Barrington Rd from a 3-lane cross section to 5-lane cross section along 3300 ft between IL Rte 62 and Mudhank Rd. Barrington Rd is generally a 5-lane cross section in this area with the exception of this segment.	2015 - 2016	N	N	N
II03123448	7	IL 59/Sutton Rd at Stearns Rd	\$1,700,000.00	\$1,360,000.00	Additional turn lanes and signal modernization.	2014- 2015	R	N	N
II03123469	7	IL 62/Algonquin Rd at Barrington Rd	\$600,000.00	\$480,000.00	Additional turn lanes.	2015- 2016	N	N	N
II03123498	7	IL 59 at W Bartlett Rd	\$720,000.00	\$576,000.00	Additional turn lanes.	2012- 2013	R	U	N
II03123505	7	IL 68/E Dundee Rd at S Barrington Rd	\$720,000.00	\$576,000.00	Additional turn lanes.	2014- 2015	R	U	N
II03123696	7	IL 62/Algonquin Rd from Meacham Rd to Thoreau Dr	\$5,723,000.00	\$4,578,000.00	Additional through and turn lanes. Ped actuation signal and ADA requirements	2014- 2015	R	A	N
II03123803	7	Rand Rd. at Mt. Prospect Rd., Rand Rd. at Central Rd, Central Rd, at Mt. Prospect Rd.	\$1,895,000.00	\$72,000.00	Additional turn lanes and signal re-timing	2012- 2015	R	N	N
II06123477	7	IL 43/Harlem Av at 111th St	\$720,000.00	\$576,000.00	Additional turn lanes and signal modernization	2012- 2013	R	U	N
II10123764	7	Lake Cook Rd at IL 83/McHenry Rd	\$4,272,000.00	\$2,974,000.00	Additional turn lanes and widening. Traffic signal modernization and integration into Lake County Passage. Funding for construction only.	2016	R	U	N
SI10123526	7	IL 120/Belvidere Rd from IL 134/Main St to US 45	\$2,394,140.00	\$1,915,310.00	3 signal modernized and interconnect will connect to PASSAGE; VIDEO	2014- 2015	N	N	N
II02123509	6	Golf Rd at Harms Rd	\$720,000.00	\$576,000.00	Additional turn lanes.	2014- 2015	R	U	N
II03123449	6	IL 68/Dundee Rd at North Wilke Rd	\$480,000.00	\$384,000.00	Additional turn lanes.	2015- 2016	N	N	N

II03123453	6	IL 68/Dundee Rd at Buffalo Grove Rd	\$2,700,000.00	\$2,160,000.00	Additional turn lanes and signal modernization	2014-2015	R	N	N
II03123493	6	IL 68/Dundee Rd at Kennicott Av	\$420,000.00	\$336,000.00	Additional turn lanes.	2014-2015	N	N	N
II03123497	6	IL 68/Dundee Rd at McHenry Rd/Wheeling Rd	\$1,200,000.00	\$960,000.00	Additional turn lanes and signal modernization.	2014-2015	R	N	N
II03123512	6	IL 68/Dundee Rd at IL 83	\$1,050,000.00	\$840,000.00	Additional turn lanes and signal modernization	2014-2015	R	N	N
II03123750	6	IL 68/Dundee Rd at Community Blv	\$3,780,000.00	\$3,024,000.00	Additional turn lanes and signal modernizaion. Relocating business entrances.	2012-2014	R	N	N
II05123753	6	IL 171/1st Av at Forest Ave/Ridgewood Rd	\$2,325,000.00	\$1,860,000.00	Additional turn lanes and signal modernization. Study to determine best improvements	2013-2016	R	N	N
II05123754	6	Cermak Rd at 49th Av and 50th Av	\$1,217,900.00	\$947,280.00	Additional turn lanes and signal modernization	2012	N	S	N
II06123485	6	IL 43/Harlem Av at 143rd St	\$700,000.00	\$560,000.00	Additional turn lanes.	2015-2016	R	N	N
II06123492	6	US 45/96th Av at 123rd St	\$720,000.00	\$576,000.00	Additional turn lanes.	2015-2016	N	N	N
II08123475	6	IL 38/Roosevelt Rd at Ardmore Ave	\$700,000.00	\$560,000.00	Additional turn lanes.	2015-2016	R	N	N
II08123496	6	IL 59/Neltnor Blv at Batavia Rd	\$850,000.00	\$680,000.00	Additional turn lanes.	2015-2016	R	N	N
II10123765	6	Lake Cook Rd at Weiland Rd	\$5,231,000.00	\$4,185,000.00	Additional turn lanes and widening. Traffic signal modernization and integration into Lake County Passage. Funding for construction only.	2015	R	U	N
II10123783	6	Lake Cook Rd at Buffalo Grove Rd	\$7,030,000.00	\$5,113,000.00	Additional turn lanes and widening. Traffic signal modernization and integration into Lake County Passage. Funding for construction only.	2016	R	U	N

SI01123520	6	Ashland Av from Roosevelt Rd to Cermak Rd/Blue Island Av	\$2,300,000.00	\$1,880,000.00	7 signals on Ashland; cameras, 1 VMS	2013-2015	N	N	N
SI01123522	6	IL 19/Irving Park Rd from Western Av to US 41/Lake Shore Dr	\$1,160,000.00	\$948,000.00	Upgrade signal interconnect to Adaptive Signal Control 13 intersections	2012-2014	N	N	N
II02123789	5	Waukegan Rd at Chestnut Ave	\$4,844,000.00	\$2,400,000.00	Additional turning lanes and storage. Also widening lanes. CMAQ for Constr.	2013	R	A	N
II03123490	5	IL 19/Irving Park Rd at IL 59	\$420,000.00	\$336,000.00	Additional turn lanes.	2014-2015	N	N	N
II03123510	5	US 20 at Oak Av	\$720,000.00	\$576,000.00	Additional turn lanes.	2012-2013	R	U	N
II03123807	5	US12/Rand Rd at IL 83/Elmhurst Rd and Kensington Rd	\$184,600.00	\$147,700.00	Intersection and signal improvements	2012-2015	R	N	N
II06123487	5	IL 43/Harlem Av at 151st St	\$1,000,000.00	\$800,000.00	Additional turn lanes.	2015-2016	R	N	N
II10123495	5	IL 60/83 at Midlothian Rd	\$1,200,000.00	\$960,000.00	Additional turn lanes.	2015-2016	R	N	N
II10123499	5	US 12 Southbound Ramp at IL 176	\$480,000.00	\$384,000.00	Additional turn lanes.	2013-2014	R	U	N
II11123459	5	IL 173 at Wilmot Rd	\$3,200,000.00	\$2,560,000.00	Roundabout	2013-2014	R	U	N
II12123489	5	US 30/Lincoln Hwy at I-55 Ramps	\$1,000,000.00	\$800,000.00	Additional turn lanes on ramps. Construction only	2014	N	N	N
SI01123523	5	US 41/Lakeshore Dr and Columbus Dr from Monroe Dr to US 41/Waldron Dr (1600 S)	\$1,180,000.00	\$944,000.00	Upgrade signal interconnect to Adaptive Signal Control 11 intersections	2012	N	N	N

SI10123525	5	US 12/Rand Rd from IL 176 Ramps to Miller Rd	\$2,330,200.00	\$1,864,160.00	Interconnect to other signal systems along U.S. Rte 12 and upgrade other signals. Also connect to PASSAGE; VIDEO	2014-2015	N	N	N
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Potential Package 2: Railroad Grade Separation Improvements. This package of projects prioritizes congestion relief by reducing conflicts between rail and highway systems. The projects in this package were selected from among traffic flow improvement proposals submitted through the call for CMAQ projects. In addition, a number of additional highway rail grade separation projects are under development and could be funded by the CMAQ Program, including grade separations in the CREATE Program and grade separations identified as part of the mitigation strategy for the CN purchase of the Elgin Joliet and Eastern Railway. The improvements either widened existing grade separations (eliminating bottlenecks) or constructed new grade separations.

Railroad grade separations have several benefits. First, they reduce highway congestion by reducing rail-highway conflicts. Second, they eliminate the hazards that at-grade highway-rail crossings pose. Crashes at these locations are often deadly, and can cause substantial costs to blocked passenger and freight rail systems and to highway users.

Railroad bridges often last one-hundred years. Hence, many were constructed before travel demand was very high. Bumping out bridge abutments is often necessary for eliminating bottlenecks.

The package consists of the following projects. The total package consists of a federal request of more than \$27 million.

The Washington Street Grade Separation will probably be ready for letting in 2013.

CMAQ ID	Facility to be Improved	Project Cost	Federal Request	Project Description	Program year	ROW	Design	Construction Ready?
BE08123805	N Aurora Rd from Pennsbury Ln to Frontenac Rd – CN/EJ&E RR Underpass	\$30,407,000.00	\$10,300,000.00	Improvements to the N. Aurora Rd. underpass at the CN/EJ&E railroad. Creates a five lane roadway cross section that is consistent with existing pavement to the east and west. The improvement will eliminate the last piece of two lane road in a 10 mile corridor.	2014	R	A	N
BE10123791	CH A22/Washington St at CN/Metra Crossing	\$21,174,000.00	\$16,939,000.00	Construct a grade separation between Washington St. and the CN/Metra railroad tracks. Phase 1 and 2 engineering and right-of-way acquisition complete.	2013	R	U	P - 2013

The project may be expanded by adding CREATE projects (Roosevelt at Kautz, Irving Park at York, or any of about 20 engineering projects to initiate) or that portion of the CN/EJE mitigation projects (US 34 at CN in Aurora, or US 30 at CN in Lynwood) not funded by CN.

Potential Package 3: Highway System Modernization (ITS). This package of projects consists of projects providing congestion relief by improving the system through better information and modernized operations. Better information allows better management of incidents, reducing incident delay, and allows the dissemination of better traveler information. The projects in this package were selected from among traffic flow improvement proposals submitted through the call for CMAQ projects (transit signal priority is handled separately). This list of projects can be expanded by implementing more of the packages included in the region’s ITS Plan and in the Regional ITS Architecture.

A few technologies deserve special mention. First, adaptive signal control proposals will improve the real-time capability of signal systems to be resilient in various traffic conditions. Adaptive control technologies typically include improved detection of traffic conditions and improved algorithms for managing traffic in congested conditions. Second, several improvements in this package involve variable message signs (VMS) on arterial highways. Such VMS systems, often seen on the expressway system in the past, are now being deployed to provide better enroute travel information, often at key decision points. Third, and more generally, the package includes better information systems for arterial highways, often involving providing information to central traffic management centers; which can then coordinate traffic and incident response with other agencies and distribute information via web services or the Gateway Traveler Information System.

The following package totals approximately \$42,315,000 in federal funds.

CMAQ ID	Facility to be Improved	Project Cost	Federal Request	Project Description	Program year	Completion year	ROW	Design	Construction Ready?
SI10123526	IL 120/Belvidere Rd from IL 134/Main St to US 45	\$2,394,140.00	\$1,915,310.00	3 signal modernized and interconnect will connect to PASSAGE; VIDEO	2014-2015	2015	N	N	N
II10123765	Lake Cook Rd at Weiland Rd	\$5,231,000.00	\$4,185,000.00	Additional turn lanes and widening. Traffic signal modernization and integration into Lake County Passage. Funding for construction only.	2015	2016	R	U	N
II10123783	Lake Cook Rd at Buffalo Grove Rd	\$7,030,000.00	\$5,113,000.00	Additional turn lanes and widening. Traffic signal modernization and integration into Lake County Passage. Funding for construction only.	2016		R	U	N

SI01123520	Ashland Av from Roosevelt Rd to Cermak Rd/Blue Island Av	\$2,300,000.00	\$1,880,000.00	7 signals on Ashland; cameras, 1 VMS	2013-2015	2015	N	N	N
SI01123522	IL 19/Irving Park Rd from Western Av to US 41/Lake Shore Dr	\$1,160,000.00	\$948,000.00	Upgrade signal interconnect to Adaptive Signal Control 13 intersections	2012-2014	2014	N	N	N
SI01123523	US 41/Lakeshore Dr and Columbus Dr from Monroe Dr to US 41/Waldron Dr (1600 S)	\$1,180,000.00	\$944,000.00	Upgrade signal interconnect to Adaptive Signal Control 11 intersections	2012	2014	N	N	N
SI10123525	US 12/Rand Rd from IL 176 Ramps to Miller Rd	\$2,330,200.00	\$1,864,160.00	Interconnect to other signal systems along U.S. Rte 12 and upgrade other signals. Also connect to PASSAGE; VIDEO	2014-2015	2015	N	N	N
SI10123531	Sheridan Rd from Wadsworth Rd to Grand Av	\$3,852,290.00	\$3,081,830.00	Interconnect to other signal systems along IL 137 and signal modernization. Also connect to PASSAGE; VIDEO	2013-2014	2014	N	N	N
SI09123545	Eola Rd from E New York St to Wolf's Crossing Rd	\$1,834,500.00	\$1,467,600.00	Signal interconnect and modernization of 9 signals	2013-2014	2014	N	N	N
SI10123524	IL 83 from IL 173 to Millstone Dr	\$2,017,480.00	\$1,613,990.00	Interconnect to other signal systems along IL 83 and connect to PASSAGE; VIDEO	2013-2014	2014	N	N	N
DE10123576	Aptakisic Rd Adaptive Traffic Control	\$488,270.00	\$390,610.00	Adaptive Signal Control on Aptakisic Rd between Brandywyn Ln. to Parkway Dr.	2012-2013		N	N	P
DE10123580	Gilmer/Hawley/IL176 Adaptive Traffic Control	\$1,291,380.00	\$1,033,110.00	Adaptive Signal Control on Gilmer Rd between Freemont Center Rd and Midlothian Rd	2012-2013		N	N	P
SI01123519	Cermak Rd from Ashland Av to MLK Jr Dr	\$3,275,000.00	\$2,080,000.00	15 signals on Cermak; cameras	2012-2013	2014	N	U	P

SI01123521	Ashland Av from Devon Av/Clark St to Fullerton Av/Ashland Av	\$5,225,000.00	\$3,920,000.00	7 signals on Ashland. Includes cameras and VMS	2012-2014	2015	N	N	N
SI04123542	Village of Oak Par Traffic Signal Management System	\$130,400.00	\$104,320.00	replacement of system software and network server for Traffic management system; includes E-2, so C in 2012 is unlikely	2012	2012	N	U	N
SI08123515	DuPage Co Central Signal System - Phase I	\$895,000.00	\$716,000.00	Phase 1 North DuPage area. 55 intersections. Includes video	2012-2013	2014	N	N	P
SI08123516	DuPage Co Central Signal System - Phase II	\$846,000.00	\$676,800.00	Phase 2 North DuPage area. Expand to 77 signals. Includes video.	2013-2014	2015	N	N	N
SI08123517	DuPage County Central Signal System - Phase III	\$1,325,000.00	\$980,000.00	Phase 3 North DuPage area. Expand to 108 signals. Includes video	2014-2015	2016	N	N	N
SI09123533	CH 37/Stearns Rd from Randall Rd to Kane/DuPage County Line	\$2,235,750.00	\$1,788,600.00	Adaptive signal control, road weather information system, dms, cctv, and traffic data collectors	2013-2014	2015	N	N	N
SI10123527	Cedar Lake Rd from Rollins Rd to S Rosedale Ct	\$930,070.00	\$744,060.00	Interconnect to other signal systems along Cedar Lake Rd and connected to PASSAGE. 1 signal modernized. VIDEO	2012-2013	2013	N	N	P
SI10123528	Waukegan Rd from Casimir Pulaski Dr to Norman Dr South	\$2,096,120.00	\$1,676,900.00	Inconnect to other signal systems along IL 43 and be connected to PASSAGE. 3 signals modernized. VIDEO	2013-2014	2014	N	N	N
SI10123560	Lake St from Washington St to Belvidere Rd	\$675,180.00	\$540,140.00	Interconnect to other signal systems and connect to PASSAGE; VIDEO	2014-2015	2015	N	N	N
SI10123818	Sunset Av, Glen Flora Av, Jackson St, 10th St and 14th St	\$2,953,970.00	\$2,363,180.00	Signal interconnect for 5 roads and signal modernization at two intersections. Also connect to PASSAGE; VIDEO	2014-2015	2015	N	N	N
OT01123611	Arterial VMS Traveler Information System, Phase I	\$1,641,000.00	\$1,313,200.00	Arterial VMS Traveler Information System, Phase I	2012-2014				
OT01123612	Arterial Detection System Improvements	\$1,219,000.00	\$975,200.00	Arterial Detection System Improvements	2012-2016				

Potential Package 4: Transit Signal Priority and TSP Supportive Highway Improvements.

This package of projects consists of projects providing transit signal priority, facilitating on-time service by arterial-running buses. This is a basic transit modernization strategy, as called for by GO TO 2040. In addition, the TSP package includes highway improvements designed to reduce highway congestion on TSP routes. Further, TSP implementation often involves signal timing optimization, improving arterial operations performance. Also, TSP routes are often major arterial highways, so there are major multi-modal travel time benefits to adopting such an approach.

The following package totals approximately \$119,666,000 in federal funds.

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SI10123526	IL 120/Belvidere Rd from IL 134/Main St to US 45	\$2,394,140.00	\$1,915,310.00	3 signal modernized and interconnect will connect to PASSAGE; VIDEO	2014-2015	2015	N	N	N
II10123765	Lake Cook Rd at Weiland Rd	\$5,231,000.00	\$4,185,000.00	Additional turn lanes and widening. Traffic signal modernization and integration into Lake County Passage. Funding for construction only.	2015	2016	R	U	N
II10123783	Lake Cook Rd at Buffalo Grove Rd	\$7,030,000.00	\$5,113,000.00	Additional turn lanes and widening. Traffic signal modernization and integration into Lake County Passage. Funding for construction only.	2016		R	U	N
SI01123520	Ashland Av from Roosevelt Rd to Cermak Rd/Blue Island Av	\$2,300,000.00	\$1,880,000.00	7 signals on Ashland; cameras, 1 VMS	2013-2015	2015	N	N	N

SI01123522	IL 19/Irving Park Rd from Western Av to US 41/Lake Shore Dr	\$1,160,000.00	\$948,000.00	Upgrade signal interconnect to Adaptive Signal Control 13 intersections	2012-2014	2014	N	N	N
SI10123525	US 12/Rand Rd from IL 176 Ramps to Miller Rd	\$2,330,200.00	\$1,864,160.00	Interconnect to other signal systems along U.S. Rte 12 and upgrade other signals. Also connect to PASSAGE; VIDEO	2014-2015	2015	N	N	N
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SI01123521	Ashland Av from Devon Av/Clark St to Fullerton Av/Ashland Av	\$5,225,000.00	\$3,920,000.00	7 signals on Ashland. Includes cameras and VMS	2012-2014	2015	N	N	N
SI04123542	Village of Oak Par Traffic Signal Management System	\$130,400.00	\$104,320.00	replacement of system software and network server for Traffic management system; includes E-2, so C in 2012 is unlikely	2012	2012	N	U	N
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SI08123517	DuPage County Central Signal System - Phase III	\$1,325,000.00	\$980,000.00	Phase 3 North DuPage area. Expand to 108 signals. Includes video	2014-2015	2016	N	N	N
SI10123528	Waukegan Rd from Casimir Pulaski Dr to Norman Dr South	\$2,096,120.00	\$1,676,900.00	Inconnect to other signal systems along IL 43 and be connected to PASSAGE. 3 signals modernized. VIDEO	2013-2014	2014	N	N	N
SI10123560	Lake St from Washington St to Belvidere Rd	\$675,180.00	\$540,140.00	Interconnect to other signal systems and connect to PASSAGE; VIDEO	2014-2015	2015	N	N	N
II08123813	Fabyan Pky/Washington St. at Roosevelt Rd.	\$9,000,000.00	\$6,325,000.00	Additional turn and through lanes. Extend existing turn lanes	2012-2014		R	U	N
II10123462	US 12 at IL 120	\$2,500,000.00	\$2,000,000.00	Additional turn lanes.	2015-2016		R	N	N

BE03123473	Barrington Rd from IL 62/Algonquin Rd to Mudhank Rd	\$8,700,000.00	\$6,960,000.00	Widening of Barrington Rd from a 3-lane cross section to 5-lane cross section along 3300 ft between IL Rte 62 and Mudhank Rd. Barrington Rd is generally a 5-lane cross section in this area with the exception of this segment.	2015 - 2016	2016	N	N	N
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II02123789	Waukegan Rd at Chestnut Ave	\$4,844,000.00	\$2,400,000.00	Additional turning lanes and storage. Also widening lanes. CMAQ for Constr.	2013		R	A	N
II03123490	IL 19/Irving Park Rd at IL 59	\$420,000.00	\$336,000.00	Additional turn lanes.	2014-2015		N	N	N
II03123807	US12/Rand Rd at IL 83/Elmhurst Rd and Kensington Rd	\$184,600.00	\$147,700.00	Intersection and signal improvements	2012-2015		R	N	N
II06123487	IL 43/Harlem Av at 151st St	\$1,000,000.00	\$800,000.00	Additional turn lanes.	2015-2016		R	N	N

II12123489	US 30/Lincoln Hwy at I-55 Ramps	\$1,000,000.00	\$800,000.00	Additional turn lanes on ramps. Construction only	2014		N	N	N
II03123757	Touhy Av at Harts Rd/Gross Point Rd	\$1,132,000.00	\$201,600.00	Additional turn lanes and signal modernization	2012-2015		R	N	N
II08123450	IL 59 at IL 38 (south ramps)	\$400,000.00	\$320,000.00	Additional turn lanes. Ramp widening	2015		N	N	N
II08123491	IL 59 at IL 38 (north ramps)	\$800,000.00	\$640,000.00	Additional turn lanes. Ramp widening	2014-2015		R	N	N
II10123504	US 45 at IL 173/Rosecrans Rd	\$720,000.00	\$576,000.00	Additional turn lanes.	2013-2014		R	U	N
II10123769	IL 43/Waukegan Rd at Everett Rd	\$1,080,000.00	\$864,000.00	Additional turn lanes.	2012-2013		R	S	N
BE05123751	East Av from Roosevelt Rd/12th St to Pershing Rd/39th St	\$55,000.00	\$44,000.00	Perform a study to review existing traffic signals, stop signs, and other traffic control devices along the corridor in order to make recommendations on future traffic related improvements	2012	2012	N	U	N - Study Only
II02123777	Gross Point Rd at IL 58/Golf Rd	\$1,188,000.00	\$951,000.00	Additional turn lanes and intersection widening. Bicycle lane and sidewalks. Pedestrian signal modernization. CMAQ funding for ROW and Constr	2012-2013		R	U	N
II05123752	34th St at Oak Park Av	\$359,000.00	\$286,000.00	Installation of fully actuated signals with emergency preemption and ped count down	2012-2015		N	U	N
II06123451	Pulaski Rd at 115th St	\$1,050,000.00	\$840,000.00	Additional turn lanes and signal modernization	2015-2016		R	N	N
II06123474	US 6 at 167th St	\$420,000.00	\$336,000.00	Additional turn lanes.	2015-2016		N	N	N
II06123657	Pulaski Rd. at 99th St.	\$410,000.00	\$328,000.00	Protected left turn and signal modernization	2012		N	N	N
II10123771	IL 43/Waukegan Rd at Westleigh Rd	\$2,180,000.00	\$1,744,000.00	Addition turn lanes, signal modernization, sidewalks	2012-2014		N	N	N
II12123460	US 6/Southwest Hwy at Parker Rd	\$3,200,000.00	\$2,560,000.00	Roundabout	2013-2014		R	U	N

II12123488	US 6/Southwest Hwy at Gougar Rd	\$1,200,000.00	\$960,000.00	Additional turn lanes and traffic signal installation	2013-2014		R	N	N
TI13123796	Regional Transit Signal Priority Integration Plan, Five Year Implementation: Priority Corridors	\$40,000,000.00	\$32,000,000.00	Eng and construction requested FFY 2012	2012				
TI17123801	95th St Corridor, Harlem Ave Corridor, Halsted St Corridor	\$6,500,000.00	\$5,200,000.00	TSP	2014				

Potential Package 5: Roundabouts. This package of projects consists of several roundabout proposals throughout the region. At intersections with appropriate volumes, roundabouts have lower traffic delay and fewer crashes than highway traffic signals at comparable intersections. Roundabouts are most appropriate for moderate-volume intersections, and are a good alternative to traffic signals at such locations. While most of the proposals below are to replace all-way stops with roundabouts, it is also desirable to replace some traffic signals with roundabouts.

The roundabouts below can serve to demonstrate the benefits of roundabouts to a greater part of the region. A few roundabouts are now open in northeastern Illinois, with several now in the planning stages.

The following package totals approximately \$25,612,000 in federal funds.

CMAQ ID	Facility to be Improved	Project Cost	Federal Request	Project Description	Program year	Completion year	ROW	Design	Construction Ready?
II12123460	US 6/Southwest Hwy at Parker Rd	\$3,200,000.00	\$2,560,000.00	Roundabout (US 6 considered for SRA?)	2013-2014		R	U	N
II11123459	IL 173 at Wilmot Rd	\$3,200,000.00	\$2,560,000.00	Roundabout, on-system	2013-2014		R	U	N
II09123766	Main St. at Deerpath Rd.	\$2,827,000.00	\$2,262,000.00	single lane roundabout, on-system	2012-2015		R	N	N
II09123461	IL 47 at Plato Rd	\$3,200,000.00	\$2,560,000.00	Roundabout, on-system	2013-2014		R	U	N
II06123793	Ravinia Ave and 153rd St	\$501,800.00	\$401,500.00	single lane roundabout	2012		R	N	N
II06123815	West Av and 151st St	\$997,900.00	\$798,350.00	single lane roundabout	2012		R	N	N
II06123816	Ravinia Av and 147th St	\$822,840.00	\$658,200.00	Double lane roundabout	2012		R	N	N
II07123457	183rd St at Central Av	\$3,200,000.00	\$2,560,000.00	Roundabout	2013-2014		R	U	N
II07123758	Vollmer Rd at Kedzie Av	\$2,880,000.00	\$2,304,000.00	single lane roundabout	2012-2015		R	N	N
II10123763	Fairfield Rd. at Monaville Rd.	\$2,689,000.00	\$2,151,000.00	single lane roundabout	2012-2015		R	N	N
II10123768	Ela Rd. at Long Grove Rd.	\$2,410,000.00	\$1,921,000.00	single lane roundabout	2012-2015		R	N	N

II10123790	CH A2/North Av at CH V67/Deep Lake Rd	\$2,437,000.00	\$1,949,000.00	construct single lane roundabout	2012-2015		R	N	N
II10123792	CH A9/Wadsworth Rd at CH W26/Kilbourne Rd	\$1,680,000.00	\$1,343,000.00	construct single lane roundabout	2012-2016		R	N	N
II11123747	Crystal Lake Rd. at Silver Lake Rd.	\$1,980,000.00	\$1,584,000.00	single lane roundabout	2012-2014		R	N	N

Potential Package 6: Arterial Corridor Packages. Below is a package of arterial improvements along Dundee Road. These improvements, taken together, can substantially improve the operation of an entire corridor, as SRA improvements were initially intended.

Several such packages can be devised. One such possibility is to devise a set of improvements in keeping with the planned managed lane/express bus on I-90 in the northwest suburbs.

The following package totals approximately \$10,461,000 in federal funds.

CMAQ ID	Facility to be Improved	Project Cost	Federal Request	Project Description	Program year	Completion year	ROW	Design	Construction Ready?
II03123505	IL 68/E Dundee Rd at S Barrington Rd	\$720,000.00	\$576,000.00	Additional turn lanes.	2014-2015		R	U	N
II03123449	IL 68/Dundee Rd at North Wilke Rd	\$480,000.00	\$384,000.00	Additional turn lanes.	2015-2016		N	N	N

II03123453	IL 68/Dundee Rd at Buffalo Grove Rd	\$2,700,000.00	\$2,160,000.00	Additional turn lanes and signal modernization	2014-2015		R	N	N
II03123493	IL 68/Dundee Rd at Kennicott Av	\$420,000.00	\$336,000.00	Additional turn lanes.	2014-2015		N	N	N
II03123497	IL 68/Dundee Rd at McHenry Rd/Wheeling Rd	\$1,200,000.00	\$960,000.00	Additional turn lanes and signal modernization.	2014-2015		R	N	N
II03123512	IL 68/Dundee Rd at IL 83	\$1,050,000.00	\$840,000.00	Additional turn lanes and signal modernization	2014-2015		R	N	N
II03123750	IL 68/Dundee Rd at Community Blv	\$3,780,000.00	\$3,024,000.00	Additional turn lanes and signal modernizaion. Relocating business entrances.	2012-2014		R	N	N
II02123454	IL 68/Dundee Rd at Landwehr Rd	\$720,000.00	\$576,000.00	Additional turn lanes.	2015-2016		R	N	N
II02123470	IL68/Dundee Rd at Pfingsten Rd	\$1,000,000.00	\$800,000.00	Additional turn lanes.	2015-2016		R	N	N
II09123780	IL 25/Dundee Av at Congdon Av	\$1,006,000.00	\$804,800.00	realign turn lanes, signal modernization, and construction of shared use path	2012-2014		N	N	N

Potential Package 7: Operations Program. As noted at the last RTOC meeting, there was a dearth of CMAQ project submittals addressing freeway congestion. The following can be used as a basis for operations program development over the next several years. Staff discussed these strategies at the previous meeting and wishes to confirm the following priorities for the Coalition:

Top Priority: FY 2012 CMAQ Program Development:

- Data Integration: PSAP/TMC

Second Priority:

- Incident Management Programs, including arterial incident management

Third Priority:

- Traveler Information (VMS, Web sites, HAR, etc.)
- Traffic Management (Detection/Sensors)

Fourth Priority:

- Speed Harmonization

(These will need additional write-up consistent with the presentation on May 19).